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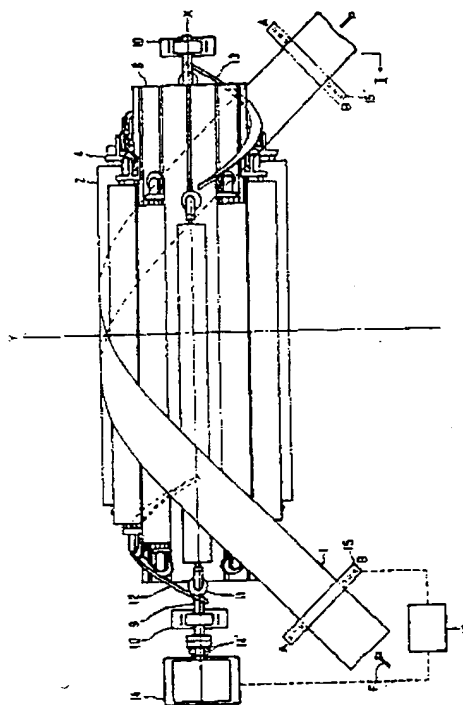
APPLICATION NUMBER : 62190391

• APPLICANT : NIPPON STEEL CORP;

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TITLE : ADVANCING DIRECTION  
CHANGE-OVER DEVICE FOR WEB



ABSTRACT : PURPOSE: To make it possible to smoothly change the advancing direction of a web by providing a plurality of freely rotatable rotors which are axially movable, on a drive rotary member, and by arranging guides for guiding the axial movement of the freely rotatable rotors along the outer periphery of the drive rotary member.

CONSTITUTION: A plurality of rod-like rotors 2 are arranged at equal intervals by means of free rotatable rotor bearings 4 on the outer periphery of a drive rotary member 8, which are adapted to make contact with the inner surface of a web 1 so as to be rotated. Each of the freely rotatable rotors 2 is movable in the direction of the rotary axis X of the drive rotary member 8, and is attached at its both ends with guide rollers 11 having a rotary axes crossing the axis of the free rotatable rotor 2. In the vicinity of both ends of the drive rotary member 8 and along the outer periphery the latter on the web 1 entrance side, there are provided spiral guide plates 12 and a turn guide plate 13, which engage with the guide rollers 11 so as to move the freely rotatable rotors 2 in the axial direction. Accordingly, it is possible to change the advancing direction of the web by an arbitrary angle.

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